

GAU: 1044
Image

Oron YACOBY-ZEEVI et al

Filed: 02-May-2006

Group Art Unit: 1644

Attorney
Docket: 30337

Examiner: DIBRINO, MARIANNE NMN

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of all other references have been received by the Examiner through corresponding applications. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

Applicant requests that MPEP 609 III A(2)(E) be complied with and the examiner consider information which has been considered by the Office in a parent applications thereof. A listing of the references cited in those applications follows on the attached PTO/SB/08A. Applicant respectfully requests that they be made of record in the instant application.

This application is a National Phase Application of PCT Application No. PCT/IL2004/000477 having International Filing Date of June 3, 2004, which claims the benefit of U.S. Patent Application No. 10/456,573, filed on June 9, 2003 and U.S. Patent Application No. 10/645,659, filed on August 22, 2003. The contents of the above Application s are all incorporated herein by reference.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.D./

This Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

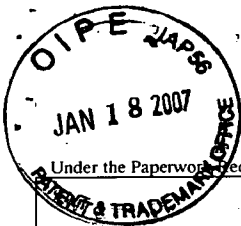
Respectfully submitted,



Martin D. Moynihan

Registration No. 40,338

Dated: January 11, 2007



PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/559,925
Filing Date	May 02, 2006
First Named Inventor	Oron YACOBY-ZEEVI et al
Art Unit	1644
Examiner Name	DIBRINO, MARIANNE NMN
Attorney Docket Number	30337

Sheet 1 of 27

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US-5,997,863	07-7-1999	Zimmermann et al.	
	2	US-5,688,679	11-18-1997	Powell	
	3	US-6,387,643	05-14-2002	Heinrikson et al.	
	4	US-6,423,312	07-23-2002	Yacoby-Zeevi	
	5	US-6,531,129	03-11-2003	Pecker et al.	
	6	US-4,455,296	06-19-1984	Hansen et al.	
	7	US-5,571,506	05-5-1996	Regan et al.	
	8	US-5,917,830	06-29-1999	Chen et al.	
	9	US-5,859,660	01-12-1999	Perkins et al.	
	10	US-5,600,366	04-4-1997	Schulman	
	11	US-6,020,931	01-1-2000	Bilbrey et al.	
	12	US-6,153,187	11-28-2000	Yacoby-Zeevi	
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	14	US-5,736,137	07-7-1998	Anderson et al.	
	15	US-5,194,596	03-16-1993	Tischer et al.	
	16	US-5,350,836	09-27-1994	Kopchick et al.	
	17	US-6,562,950	05-13-2003	Peretz et al.	
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	19	US-5,580,862	03-3-1996	Rosen et al.	
	20	US-5,474,983	12-12-1995	Kuna et al.	
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	30	US-2003/0161823	08-28-2003	Ilan et al.	
	31	US-5,962,321	05-5-1999	Gough et al.	

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				First Named Inventor	Oron YACOBY-ZEEVI et al
				Art Unit	1644
				Examiner Name	DIBRINO, MARIANNE NMN
Sheet	2	of	27	Attorney Docket Number	30337
U.S. PATENT DOCUMENTS					
	32	US-5,830,759	03-3-1998	Chang et al.	
	33	US-6,230,151	08-8-2001	Agrawal et al.	
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	37	US-6,307,965	10-23-2001	Aggarwal et al.	
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	44	US-5,589,604	12-31-1996	Drohan et al.	
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	48	US-6,140,552	10-31-2000	Deboer et al.	
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	61	US-6,960,471	11-01-2005	Pecker et al.	
	62	US-2003/0190737	09-9-2003	Pecker et al.	
	63	US-2003/0170860	09-11-2003	Pecker et al.	
	64	US-2003/0217375	11-20-2003	Zcharia et al.	
	65	US-2004/0213789	10-28-2004	Yacobi-Zeevi et al.	
	66	US-2004/0063135	01-1-2004	Pecker et al.	
	67	US-2004/0146497	07-29-2004	Ilan et al.	
	68	US-6,986,996	01-17-2006	Pecker et al.	

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				First Named Inventor	Oron YACOBY-ZEEVI et al		
				Art Unit	1644		
				Examiner Name	DIBRINO, MARIANNE NMN		
Sheet	3	of	27	Attorney Docket Number	30337		
U.S. PATENT DOCUMENTS							
	69	US-2004/0146925	07-29-2004	Pecker et al.			
	70	US-2005/0260187	11-24-2005	Ilan et al.			
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	73	US-4,859,581	08-22-1989	Nicholson et al.			
	74	US-4,882,318	11-21-1989	Vlodavsky et al.			
	75	US-5,129,877	07-14-1992	Gallo et al.			
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	77	US-5,332,812	07-26-1994	Nicolson et al.			
	78	US-5,362,641	11-08-1994	Fuks et al.			
	79	US-5,399,351	03-21-1995	Leshchiner et al			
	80	US-5,550,116	08-27-1996	Lormeau et al.			
	81	US-5,667,501	09-16-1997	Fowler et al.			
	82	US-5,739,115	04-14-1998	Fugedi et al			
	83	US-6,348,344	02-19-2002	Ayal-Hershkovitz et al.			
	84	US-4,946,778	08-8-1990	Ladner et al.			
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Documents		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ² Number ⁴ Kind Code ⁵ (if known)					
	85	PCT WO 95/04158		09-9-1995	Hoogewerf et al.		
	86	PCT WO 99/21975		06-6-1999	Freeman et al.		
	87	PCT WO 91/19197		12-12-1991	Nicolson et al.		
	88	PCT WO 95/04518		02-16-1995	Midha et al.		
	89	PCT WO 97/11684		03-3-1997	Bennett et al.		
	90	PCT WO 99/18852		04-22-1999	Arenson		
	91	PCT WO 91/02977		07-7-1991	Fuks et al.		
	92	PCT WO 97/27327		07-31-1997	Van Ness et al.		
	93	PCT WO 00/52149		08-8-2000	Yacobi-Zeevi		
	94	PCT WO 00/52178		08-8-2000	Pecker et al.		
	95	PCT WO 99/40207		08-12-1999	Nakajima et al.		
	96	PCT WO 98/46258		10-22-1998	Bhaskar et al.		
	97	EP 0254067		01-27-1988	Cohen et al.		
Examiner Signature				Date Considered			

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Sheet	5	Of	27	Attorney Docket Number	30337
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	112	Kurachi et al. "Role of Intron I in Expression of the Human Factor IX Gene", Journal of Biological Chemistry, 270(10): 5276-5281, 1995.			
	113	Carlone et al. "Embryonic Modulation of Basic Fibroblast Growth Factor in the Rat Uterus", Biology of Reproduction, 49(4): 653-665, 1993.			
	114	Wight et al. "The Role of Proteoglycans in Cell Adhesion, Migration and Proliferation", Current Opinion in Cell Biology, 4: 793-801, 1992.			
	115	Rader et al. "A Phage Display Approach for Rapid Antibody Humanization: Designed Combinatorial V Gene Libraries", Proc. Natl. Acad. Sci. USA, 95: 8910-8915, 1998.			
	116	Wordinger et al. "The Immunolocalization of Basic Fibroblast Growth Factor in the Mouse Uterus During the Initial Stages of Embryo Implantation", Growth Factors, 11(3): 175-186, 1994. Abstract.			
	117	Schultz et al. "Growth Factors in Preimplantation Mammalian Embryos", Oxford Review of Reproduction in Biology, 15: 43-81, 1993. Abstract.			
	118	Yazaki et al. "The Structure and Expression of the FGF Receptor-1 mRNA Isoforms in Rat Tissues", Biochimica et Biophysica Acta, 1172: 37-42, 1993.			
	119	Richardson et al. "Regulation of Basic Fibroblast Growth Factor Binding and Activity by Cell Density and Heparan Sulfate", J. Biological Chemistry, 274(19): 13534-13540, 1990.			
	120	Hayward et al. "Cellular Mechanisms of Heparinase III Protection in Rat Traumatic Shock", American Journal of Physiology, 275: H23-H30, 1998.			
	121	Sasisekharan et al. "Heparinase Inhibits Neovascularization", Proc. Natl. Acad. Sci. USA, 91: 1524-1528, 1994.			
	122	Whitelock et al. "The Degradation of Human Endothelial Cell-Derived Perlecan and Release of Bound Basic Fibroblast Growth Factor by Stromelysin, Collagenase, Plasmin, and Heparanases", Journal of Biological Chemistry, 271(17): 10079-10086, 1996.			
	123	Ishai-Michaeli et al. "Heparanase Activity Expressed by Platelets, Neutrophils, and Lymphoma Cells Releases Active Fibroblast Growth Factor From Extracellular Matrix", Cell Regulation, 1: 833-842, 1990.			
	124	Goder et al. "Heparanase Activity in Cultured Endothelial Cells", Journal of Cellular Physiology, 148: 274-280, 1991.			
	125	Kato et al. "Physiological Degradation Converts the Soluble Syndecan-1 Ectodomain From An Inhibitor to A Potent Activator of FGF-2", Nature Medicine, 4(6): 691-697, 1998.			
	126	Jin et al. "Immunochemical Localization of Heparanase in Mouse and Human Melanomas", International Journal of Cancer, 45: 1088-1095, 1990.			
Signature				Considered	

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
	127	Hoogewerf et al. "CXC Chemokines Connective Tissue Activating Peptide-III and Neutrophil Activating Peptide-2 Are Heparin/Heparan Sulfate-Degrading Enzymes", Journal of Biological Chemistry, 270(7): 3268-3277, 1995.P.3269			
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	129	Miyake et al. "Highly Specific and Sensitive Detection of Malignancy in Urine Samples From Patients With Urothelial Cancer by CD44v8-10/CD44v10 Competitive RT-PCR", Int. J. Cancer, 79(6): 560-564, 1998. Abstract.			
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	134	Faber-Elman et al. "Involvement of Wound-Associated Factors in Rat Brain Astrocyte Migratory Response to Axonal Injury: In Vitro Simulation", J. Clin. Invest., 97(1): 162-171, 1996.			
	135	Zheng et al. "Increment of hFIX Expression With Endogenous Intron 1 In Vitro", Cell Res., 7(1):21-29, 1997 Abstract.			
	136	Welch et al. "Expression of Ribozymes in Gene Transfer Systems to Modulate Target RNA Levels", Curr. Opin. Biotechnol., 9(5): 486-496, 1998. Abstract.			
	137	Gewirtz et al. "Facilitating Oligonucleotide Delivery: Helping Antisense Deliver on Its Promise", Proc. Natl. Acad. Sci. USA, 93: 3161-3163, 1996.			
	138	Green et al. "Antisense Oligonucleotides: An Evolving Technology for the Modulation of Gene Expression in Human Disease", Journal of American Cell Surgery, 191(1): 93-105, 2000.			
	139	Agrawal "Antisense Oligonucleotides: Towards Clinical Trials", TIBTech, 14: 376-387, 1996.			
	140	Rajur et al. "Covalent Protein-Oligonucleotide Conjugates for Efficient Delivery of Antisense Molecules", Bioconjugate Chem., 8: 935-940, 1997.			
	141	Luft " Making Sense Out of Antisense Oligodeoxynucleotide Delivery: Getting There Is Half the Fun". J. Mol. Med, P.75-76. 1998.			
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				Application Number	10/559,925
				Filing Date	May 02, 2006
				First Named Inventor	Oron YACOBY-ZEEVI et al
				Group Art Unit	1644
				Examiner Name	DIBRINO, MARIANNE NMN
Sheet	7	Of	27	Attorney Docket Number	30337
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
	142	Kronenwett et al. "Oligodeoxyribonucleotide Uptake in Primary Human Hematopoietic Cells Is Enhanced by Cationic Lipids and Depends on the Hematopoietic Cell Subset", Blood, 91(3): 852-862, 1998.			
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
	179	Vogel et al. "Production of Proteoglycans by Human Lung Fibroblasts (IMR-90) Maintained in A Low Concentration of Serum", Biochem. J., 207(3): 369-379. Abstract.			
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				Group Art Unit	1644
				Examiner Name	DIBRINO, MARIANNE NMN
Sheet	13	Of	27	Attorney Docket Number	30337
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				Filing Date	May 02, 2006
				First Named Inventor	Oron YACOBY-ZEEVI et al
				Group Art Unit	1644
				Examiner Name	DIBRINO, MARIANNE NMN
Sheet	19	Of	27	Attorney Docket Number	30337
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
	379	Kosir et al. "Human Prostate Carcinoma Cells Produce Extracellular Heparanase", Journal of Surgical Research, 67: 98-105, 1997.			
	380	Köhler et al. "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity", Nature, 256: 495-497, 1975.			
	381	Hulett et al. "Cloning of Mammalian Heparanase, An Important Enzyme in Tumor Invasion and Metastasis", Nature Medicine, 5(7): 803-809, 1999.			
	382	Toyoshima et al. "Human Heparanase: Purification, Characterization, Cloning, and Expression", J. Biolog. Chemistry, 274(34): 24153-24160, 1999.			
	383	Kussie et al. "Cloning and Functional Expression of A Human Heparanase Gene", Biochemical and Biophysical Research Communication, 261(1): 183-187, 1999.			
	384	Walch et al. "Correlation of Overexpression of the Low-Affinity p75 Neutrophin Receptor With Augmented Invasion and Heparanase Production in Human Malignant Melanoma Cells", Int. J. Cancer, 82: 112-120, 1999.			
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	386	Ernst et al. "Enzymatic Degradation of Glycosaminoglycans", Crit. Rev. in Biochemistry and Molecular Biology, 30(5): 387-444, 1995.			
	387	Zhou et al. "A 182 Bp Fragment of the Mouse Proa1(11) Collagen Gene Is Sufficient to Direct Chondrocyte Expression in Transgenic Mice", J. Cell Science, 108: 3677-3684, 1995.			
	388	Hormuzdi et al. "A Gene-Targeting Approach Identifies A Function for the First Intron in Expression of the $\alpha 1$ (I) Collagen Gene.", Mol Cell Biol., 18(6): 3368-3375, 1998. Abstract.			
	389	Chow et al. "Development of An Epithelium-Specific Expression Cassette With Human DNA Regulatory Elements for Transgene Expression in Lung Airways", Proc. Natl. Acad. Sci. USA, 94: 14695-14700, 1997.			
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	391	Lai et al. "Homologous Recombination Based Gene Therapy", Exp. Nephrol, 7(1):11-14, 1999. Abstract.			
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	393	Shastri "Gene Disruption in Mice: Models of Development and Disease", Molecular and Cellular Biochemistry, 181: 163-179, 1998.			
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Signature				Considered	

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⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/559,925
				Filing Date	May 02, 2006
				First Named Inventor	Oron YACOBY-ZEEVI et al
				Group Art Unit	1644
				Examiner Name	DIBRINO, MARIANNE NMN
Sheet	25	Of	27	Attorney Docket Number	30337
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
	396	Shekhar et al. "Correlation of Differences in Modulation of Ras Expression With Metastatic Competence of Mouse Mammary Tumour Subpopulations", Invasion Metastasis, 14: 27-37, 1994/5.			
	397	Durand et al. "Active-Site Motifs of Lysosomal Acid Hydrolases: Invariant Features of Clan GH-A Glycosyl Hydrolases Deduced From Hydrophobic Cluster Analysis", Glycobiology, 7(2): 277-284, 1997.			
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	399	Fairbanks et al. "Processing of the Human Heparanase Precursor and Evidence that the Active Enzyme Is A Heterodimer", The Journal of Biological Chemistry, 274(42): 29587-29590, 1999.			
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	402	Niwa et al. "Efficient Selection for High-Expression Transfectants With A Novel Eukaryotic Vector", Gene, 108(2): 193-199, 1991. Abstract.			
	403	Mirault et al. "Transgenic Glutathione Peroxidase Mouse Models for Neuroprotection Studies", Ann. NY Acad. Sci., 738: 104-115, 1994. Abstract.			
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	409	Benezra et al. "Thrombin Enhances the Degradation of Heparan Sulfate in the Extracellular Matrix by Tumor Cell Heparanase", Exptl. Cell. Res., 201: 208-215, 1992.			
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Signature				Considered	

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/559,925	
			Filing Date	May 02, 2006	
			First Named Inventor	Oron YACOBY-ZEEVI et al	
			Group Art Unit	1644	
			Examiner Name	DIBRINO, MARIANNE NMN	
Sheet	26	Of	27	Attorney Docket Number	30337
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
	414	Pomahac et al. "Tissue Engineering of Skin", Crit. Rev. Oral Biol. Med., 9(3): 333-344, 1998. Abstract.			
	415	Benathan et al. "Living Epidermal and Dermal Substitutes for Treatment of Severely Burned Patients", Rev. Med. Suisse Romande, 118(2): 149-153, 1998. Abstract-			
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	424	Matoba et al. "Evaluation of Omental Implantation for Perforated Gastric Ulcer Therapy: Findings in A Rat Model", J. Gastroenterol., 31(6): 777-784, 1996. Abstract.			
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				Filing Date	May 02, 2006
				First Named Inventor	Oron YACOBY-ZEEVI et al
				Group Art Unit	1644
				Examiner Name	DIBRINO, MARIANNE NMN
Sheet	27	Of	27	Attorney Docket Number	30337
	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
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	426	Lessey et al. "Paracrine Signaling in the Endometrium: Integrins and the Establishment of Uterine Receptivity", J. Reprod. Immunol., 39(1-2): 105-116, 1998. Abstract.			
	427	Burrows et al. "Trophoblast Migration During Human Placental Implantation", Hum. Reprod. Update, 2(4): 307-321, 1996.			
	428	Bischof et al. "The Regulation of Endometrial and Trophoblastic Metalloproteinases During Blastocyst Implantation", Contracept Fertil Sex, 22(1): 48-51, 1994. Abstract.			
	429	Smith et al. "Expression of Heparan Sulfate Protoglycan (Perlecan) in the Mouse Blastocyst Is Regulated During Normal and Delayed Implantation", Dev. Biol., 184(1): 38-47, 1997. Abstract.			
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Signature	/Marianne DiBrino/			Considered	09/25/2009

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known	
Application Number	10/456,573
Filing Date	06/09/2003
First Named Inventor	Iris PECKER
Group Art Unit	1646
Examiner Name	
Attorney Docket Number	25677

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Application Number	10/456,573
Filing Date	06/09/2003
First Named Inventor	Iris PECKER
Group Art Unit	1040
Examiner Name	Marianne DiBrino/
Attorney Docket Number	25677

Sheet 2 Of 2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	✓	Vlodavsky et al, "Inhibition of tumor metastasis by heparanase inhibiting species of heparin", <i>Invasion Metastasis</i> . 1994-95;14(1-6):290-302 (abstract)	
	✓	Parish et al, "Evidence that sulphated polyaccharides inhibit tumour metastasis by blocking tumour-cell-derived heparanases", <i>Int J Cancer</i> . 1987 Oct 15;40(4):511-8.	
	✓	Lider et al, "Suppression of experimental autoimmune diseases and prolongation of allograft survival by treatment of animals with low doses of heparins", <i>J Clin Invest</i> . 1989 Mar;83(3):752-6.	
	✓	Gewirtz et al, "Nucleic acid therapeutics: state of the art and future prospects", <i>Blood</i> . 1998 Aug 1;92(3):712-36.	
	✓	Hida et al, "Antisense E1AF transfection restrains oral cancer invasion by reducing matrix metalloproteinase activities", <i>Am J Pathol</i> . 1997 Jun;150(6):2125-32 (abstract)	
	✓	Thuong et al, "Sequence-specific recognition and modification of double-helical DNA by oligonucleotides", <i>Angew. Chem Int. Ed. Engl.</i> , 32:666-690, 1993	
		Cohen, JS, "Oligonucleotide therapeutics", <i>Trends Biotechnol.</i> , 10(3):87-91, 1992 (abstract)	
	✓	Szczylik et al, "Selective inhibition of leukemia cell proliferation by BCR-ABL antisense oligodeoxynucleotides", <i>Science</i> . 1991 Aug 2;253(5019):562-5. (abstract)	
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Examiner Signature		Date Considered	

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Application Number	10/645,659
Filing Date	08/22/2003
First Named Inventor	YACOBY-ZEEVI
Group Art Unit	1635
Examiner Name	/Marianne DiBrino/
Attorney Docket Number	26128

Sheet	I		Of	I	Attorney Docket Number	/Marianne DiBrino	26128
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T ²
		Fairbanks et al., "Processing of the Human Heparanase Precursor and Evidence that the Active Enzyme is a Heterodimer", <i>J. Biol. Chem.</i> , vol. 274, No. 42, pp. 29517-29590, 15 Oct. 1999.					
		Hulett et al., "Cloning of Mammalian Heparanase, an Important Enzyme in Tumor Invasion and Metastasis", <i>Nature Medicine</i> , 5(7):803-809, 1999					
		Toyoshima et al., "Human Heparanase: Purification, Characterization, Cloning, and Expression". <i>J. of Biolog. Chemistry</i> , vol. 274, No. 34, pp. 24153-24160, 20 Aug. 1999.					
		Miao et al., "Cloning, Expression, and Purification of Mouse Heparanase", <i>Protein Expression and Purification</i> , 26:425-431, 2002					
		Freeman et al., "Human Platelet Heparanase: Purification, Characterization and Catalytic Activity", <i>Biochem J.</i> , 330(3): 1341-1350, 1998.					
Examiner Signature	/Marianne DiBrino/					Date Considered	09/25/2005

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